

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. - 5. (Cancelled)

6. (Previously presented) A method for corrective surgery in a human subject of a vocal cord defect amenable to rectification by the augmentation of tissue subadjacent to the vocal cord defect, the method comprising: placing an effective amount of autologous *in vitro* cultured cells into a vocal cord tissue of the subject in a position subadjacent to the vocal cord defect,

wherein the vocal cord tissue is selected from the group consisting of a scar, Reinke's space, a muscle of the vocal cord, and the lamina propria,

wherein the *in vitro* cultured cells are obtained by culturing a plurality of viable cells retrieved from the subject, and

wherein the cultured cells are suspended in a collagen or modified collagen solution prior to injection of the cultured cells.

7. (Previously presented) The method of claim 6 wherein the cells are cultured in a collagen or modified collagen matrix.

8. (Original) The method of claim 7 wherein the cells and the matrix are placed in the tissue by injection.

9. - 21. (Cancelled)

22. (New) The method of claim 6 wherein the *in vitro* cultured cells are fibroblasts.
23. (New) The method of claim 22 wherein the fibroblasts are derived from a tissue selected from the group consisting of dermis, fascia, connective tissue, and lamina propria.
24. (New) The method of claim 7 wherein the cells and the matrix are placed in the tissue by engraftment.
25. (New) The method of claim 6 wherein serum from the subject is used for the *in vitro* culture of the cells.